UNITED STATES DEPARTMENT OF THE INTERIOR SOUTHEAST DOTY MOUNTAIN QUADRANGLE GEOLOGICAL SURVEY WYOMING-CARBON CO. 107°37′30′ 41°22′30″ 7.5 MINUTE SERIES (TOPOGRAPHIC) R.91 W. 107°30′ 41°22′30″ o⁶⁵²⁵ 12 10 11 10 o 6720 6399 o 6567 17 NOTE: Structure contours are not 7405 drawn beyond dotted lines because of insufficient data. 6402 6966 7380 21 23 22 6003 6956 6290 6650 o 6850 29 27 6876 T.16 N. 17'30" 107°37'30" 107°30′ Base from U.S. Geological Survey, 1957 SCALE 1:24 000 Compiled in 1979 WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING BY

DAMES & MOORE 1979

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PLATE 5 OF 28

EXPLANATION

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean sea level.

° 7380

DRILL HOLE - Showing altitude of top of coal bed, in feet. (0 - indicates no coal.)

POINT OF MEASUREMENT - Showing altitude of top of coal bed, in feet.

R[1] - Robertson [1]

COAL BED SYMBOL AND NAME - Coal bed iden-tified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 5

STRUCTURE CONTOUR MAP OF THE ROBERTSON [I] COAL BED